

# Zephaniah Class Spring 1 2023



Acorn Park

## Life skills

Students will continue to explore how to manage and run their own home. Looking at how to complete daily household tasks, such as cooking, cleaning. They will be gaining an understanding of how to carry out these tasks safely, how often they need to be completed and how accidents can be avoided in the home and workplace. They will also take a basic first aid course.

## Managing Money

Students will find out about the national min. wage and explore how to manage a budget to live within the national min. wage.

## Maths

GCSE.

This half term in Zephaniah we will focus on shape, number and fractions and percentages. They will review 2D shapes, finding areas and perimeters, missing sides, and enlargement. They will learn about factors, multiples, prime, square and cube numbers, and apply their number skills to fractions, decimals, and percentages.

### FUNCTIONAL SKILLS

As a class they will be completing work on all aspects of Geometry. In that they will understand how to calculate angles, Lines of symmetry, and to interpret plans and nets shapes. They will be re-examining angles and how to calculate them. They will also be familiarizing themselves with their functional skills papers in preparation for their exams.

## TITAN travel

Year 1 Students will start to explore how to travel using public transport and look at how to read timetables.

Year 2 students will explore independent travel to unfamiliar areas and how to read maps.

## English

### GCSE

This half term Zephaniah will focus on English Language Paper 2. They will also revisit Assessment Outcomes AO1-AO5 to help them prepare for Mock exams later in the half term.

### Functional Skills

## Science

This term, GCSE science taking students in this class, will be exploring inheritance, variation and evolution with the big idea linked to these topics being: genetic information is passed down from one generation of organisms to another. The topics being explored will be:

- Sexual and Asexual reproduction
- Recap
- DNA structure
- DNA and the genome ( chromosomes and genes)
- Sex determination in humans
- Genetic inheritance ( single gene)
- Genotype and Phenotype
- Inherited disorders

Another theme, they will be exploring will be variation and evolution with the associated big idea being, the diversity of organisms, living and extinct, is the result of evolution.

#### Topics

- Mutations
- Theory of evolution
- Evolution through Natural selection
- Speciation
- Evidence for evolution
- Identification and classification of living things
- Fossils
- Extinction
- Resistant bacteria

## Work experience

Students will be attending their chosen work placements. Learning skills such as time keeping and resilience.

They will be reviewing and documenting their progress through their work placement diaries.

Students will review key skills learnt from last term and state how they can improve on these. They will also link these skills to other areas of employment.

## Business Studies

Zephaniah will look at a range of external influences that can affect the way businesses operate.

Influences will include changes in technology,

## Employability

Zephaniah will practise and develop interview skills in preparation for MOCK interviews. They will also explore their skills and qualities in to produce a CV.

The class will also explore the local offer for colleges- to complete applications.

## ART

The students will produce an illustrated study of the life and work of an artist. Create a product for a display. Keep a journal and create a portfolio. Curate an exhibition of artwork and visit the exhibition—interview with a local professional.

They will also be working towards arts and traditions of different special days/celebrations: Mardi Gras and the Holi festival.

## Health and Wellbeing

This term students will be looking at strategies to improve our wellbeing and how learning a new skill can support mental health.

They will be looking at what factors affect the nations wellbeing.

They will also have talks from wellbeing support groups.

<p>changes in economy, pressures to be ethical and globalisation. The class will consider how businesses have responded to external factors.</p>			<h2>Enterprise</h2> <p>Students will continue to work on the café venture and look at how we re invest profit to expand our business.</p> <p>Students will also start to study for their L2 Food safety course.</p>
<h2>Animal Care and Horticulture</h2> <p>Students will be helping to create a larger pond outside area of Animal Care and to renovate the schools ailing insect and minibeast area. Each class will be involved in the ongoing project of the creating of the temperate food forest in the polytunnel and this will now be entering its second phase with the</p>	<h2>Computing</h2> <p>This term we will be driving into the concept of data representation in computer science. This involves looking into different number bases and seeing how they can be used by computers to make computer language. This is used to store data and allow it to take different forms.</p>	<h2>PSHE</h2> <p>Over the next half term, we will be covering the following topics: what 'being an adult' means to me, examples of legislation that relates to sex and relationships, examples of legislation around the possession and supply of drugs, tobacco and other substances, examples of legislation in reference to online activity and Know the steps to take in an emergency situation.</p>	<h2>Forest School</h2> <p>Through this term we will be</p> <p>looking at how the weather affects us. What is appropriate clothing for Forest school.</p> <p>learning about nature and finding out what flora and Fauna is around in Winter.</p> <p>Learning how to cook safely on different sorts of fire, as well as how to light a fire.</p>

<p>creation new beds and the continued propagation of new plants from seeds.</p>			<p>We will learn how to make jam on the fire, using the berries picked in the Autumn.</p> <p>We will learn and/or develop a Forest school Skill. This may include whittling, knot tying, or shelter building.</p> <p>We will create an item made from natural material, as we will be doing a lot of digging, we will be looking how to make clay from the soil we have.</p> <p>We will also celebrate at the end of term with smores and/or Bannock bread with forest made Jam.</p> <p>This will all be linked to the forest School ethos of child led learning, so if they decide to do other activities this is ok and consequently, they will be developing independence, teamwork, safety for themselves and others.</p>
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